| Inde | ex of Claims |  |
|------|--------------|--|
|      |              |  |

| Application No. | Applicant(s)     |
|-----------------|------------------|
| 10/679,894      | BETZ, RICHARD L. |
| Examiner        | Art Unit         |
| Harold Joyce    | 3749             |

| į | Rejected | _ | (T) |
|---|----------|---|-----|
| = | Allowed  | + |     |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |   | 4 | Арј  |
|---|--------------|---|---|------|
| ı | Interference | C | 5 | Obje |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim        |  | Date   |                  | Claim             |  | Date   |  | ]::::                                   | C        | aim        |                      |               | D.           | ate            |  |                    | $\neg$    |
|--------------|--|--|------------------|-------------------|--|--|--|---|----------|------------|----------------------|---------------|--------------|----------------|--|--------------------|-----------|
| _ <u>_</u> _ | 2/19/04<br>B P P G                               |  |                  | _ 76              | $\Box \Box \Box \Box$                            |  |  |   |          |            |                      | $\Box$        | $\neg$       | Т              | T  | П                  | $\exists$ |
| Final        | 1 6 F  |  |                  | Final<br>Original |  |  | 1 1  |   | Final    | Original   |                      |               |              |                |  |                    | 1         |
| L o          | à nu   |  |                  | Q.                | 1111   |  |  |   | III.     | ŏ          |                      |               |              |                | 1  | 1 1                |           |
| 1            | <del></del>                                      | <del>- - - - -</del>                               | -                |                   |  |  | <del>                                     </del> | ∤∷                                      | ļ        |            |                      | Ш             | $\perp$      | ┸              | _  | $\sqcup$           | _         |
| 2            | 1 4  | ~ <del>                                     </del> | -111             | 51                |  |  | <del>↓</del>                                     |   |          | 101        | - -                  |               | _            | - -            | 1_   | $\sqcup$           | _         |
| 3            | 0  |  |                  | 52                | <del> - - - </del>                               | +  |  |   |          | 102        |                      | Ш             | 4            | 4              | 4_   | $\sqcup$           | _         |
| 4            | 0  | <del></del>  | -                | 53<br>54          | -  |  | ++   |   | ļ        | 103        | - -                  | $\sqcup$      | -            | 4              | -  | $\sqcup$           | 4         |
| 5            | 18   | <del>-    - - - </del>                             |                  | 55                | <del>                                     </del> |  | +  |   |          | 104        |                      | $\vdash$      |              | -              | +  | $\sqcup$           | _         |
| 6            |  | <del></del>  | $\dashv \exists$ | 56                | ┞╼╂╼╁╸   | <del></del>                                      | +  | 1                                       |          | 105        | $\dashv$             |               |              | +              | -  | $\vdash$           | _         |
| 7            | 0 0  | <del></del>  |                  | 57                | <del>                                     </del> | <del></del>                                      | <del> - </del>                                   | <b>.</b>                                | <u> </u> | 106<br>107 |                      | $\vdash$      | _            | +              | ┼  | $\vdash$           | 4         |
| 8            | 1 ŏ  | <del></del>  |                  | 58                | <del>                                     </del> | <del></del>                                      | <del>                                     </del> | l:::                                    |          | 108        |                      | <del>  </del> |              | +-             | ╁  | $\vdash$           | $\dashv$  |
| 9            | 10   | <del>                                     </del>   | 1 1              | 59                | <del></del>                                      | +  | <del>                                     </del> |   |          | 109        | +                    | H             | +            | +              | ╀  | ╌┼                 |           |
| 10           | 14   | <del>                                      </del>  | 1111             | 60                | <del></del>                                      | <del>  - -</del>                                 | <del>    -</del>                                 |   |          | 110        |                      | ╂─┤           | +            | +-             | +  | $\vdash$           | $\dashv$  |
| 11           | 14   |  | 74               | 61                |  | <del>        -</del>                             | 1-1-   |   |          | 111        | $\dashv$             |               | +            | +              | ╁-   | $\vdash$           | $\dashv$  |
| 12           | 14   | <del>- - - - -</del>                               | 7                | 62                | -   -  | 1-1-   | -  |   |          | 112        |                      | $\vdash$      | +            | +              | ╁  | $\vdash$           | $\dashv$  |
| 13           | 4  |  | 7                | 63                |  |  |  |   |          | 113        | $\top$               | $\Box$        | $\neg$       | +              | T  |                    | $\dashv$  |
| 14           | -  |  | ] :: [           | 64                |  |  | 1  |   |          | 114        | $\neg$               | $\vdash$      | $\top$       | +-             | T  | -                  | $\dashv$  |
| 15           | 1  |  | ] [              | 65                |  |  |  |   |          | 115        |                      | П             | $\top$       | T              | T  | $\sqcap$           | $\dashv$  |
| 16           |  |  |                  | 66                |  |  |  |   |          | 116        |                      |               | 丁            | †              | 1  | 一十                 | $\neg$    |
| 17           | 10   |  | ] [              | 67                |  |  |  |   |          | 117        |                      |               |              | $\perp$        | Ι  | $\Box$             |           |
| 18           | H  |  |                  | 68                |  |  |  |   |          | 118        |                      |               |              | Т              |  | П                  | $\neg$    |
| 19           | H  |  | _                | 69                |  |  |  |   |          | 119        |                      |               |              |                |  |                    |           |
| 20           | 114  |  | _                | 70                |  |  |  |   |          | 120        |                      |               |              |                |  |                    |           |
| 21           | + 4  |  | _  _             | 71                |  |  | $oxed{oxed}$                                     |   |          | 121        |                      |               |              |                |  | $\Box$             |           |
| 22           |  |  | J : 1            | 72                | _ _  |  |  |   |          | 122        |                      |               |              | $\perp$        |  |                    |           |
| 23           |  |  | -                | 73                |  |  |  |   |          | 123        |                      |               | _            | ↓_             | L  | $\perp$            | 4         |
| 24           |  |  | -   -            | 74                |  |  |  |   |          | 124        |                      | $\perp$       |              | <u> </u>       | $\sqcup$                                     |                    | _         |
| 25           |  |  |                  | 75                |  | <del>                                     </del> |  |   |          | 125        |                      | $\perp$       |              | +-             | Ш  |                    | _         |
| 26<br>27     | <del></del>                                      |  | -{ : }-          | 76                |  | <del> </del>                                     |  |   | _        | 126        | _                    |               | -            | 1_             | $\sqcup$                                     |                    | 4         |
| 28           |  | <del></del>  | ┨╬               | 77<br>78          | <del></del>                                      |  | 1-1-1  |   |          | 127        | +-                   | -             | -            | -              | Н  |                    | 4         |
| 29           |  | <del>                                     </del>   | ┨┈├              | 79                | -+   | <del> - - </del> -                               | -  | 1                                       |          | 128<br>129 | -                    | -             | -            | -              | H  |                    |           |
| 30           | <del>-   -   -  </del>                           | <del>- - - - - - - - - - - - - - - - - - - </del>  | ┨┈┠              | 80                | <del>-   -   -  </del>                           | <del>                                     </del> | -  | -                                       |          | 130        |                      |               | -            | ╀              | $\vdash$                                     | -                  | 4         |
| 31           | <del>- - -</del>                                 | <del></del>  | ┪┈┟              | 81                | <del></del>                                      | <del>   </del>                                   | $\vdash\vdash\vdash$                             |   |          | 131        | +                    | -             | +-           | ╂              |  | -                  | $\dashv$  |
| 32           | <del>                                     </del> | <del>- - - - -</del>                               | <b>-</b>         | 82                |  | <del>                                     </del> |  | 1                                       |          | 132        | -                    |               | ╁            | ╁              | -  | -                  | ٦.        |
| 33           | 111  |  | 1 1              | 83                |  |  | $\vdash\vdash\vdash$                             | }                                       |          | 133        | +                    | +             | - -          | ╫              |  | +                  | $\dashv$  |
| 34           |  | <del>                                      </del>  | 1 -              | 84                | <del>- - -</del>                                 | <del>                                     </del> | $\vdash\vdash\vdash$                             | ······································· |          | 134        | +                    | $\dashv$      | +            | +              | $\vdash$                                     | $\dashv$           | $\dashv$  |
| 35           | $\neg$   | <del>                                     </del>   | 1 1              | 85                |  |  | $\sqcap$   | ŀ                                       |          | 135        | $\dashv \dashv$      | +             | +            | +              | Н  | 十                  | $\dashv$  |
| 36           |  |  | 1                | 86                |  |  |  |   |          | 136        | 77                   | 十             | +            | T              | $\vdash$                                     | -                  | $\dashv$  |
| 37           |  |  |                  | 87                |  |  |  | -                                       |          | 137        | $\top$               | _             | $\top$       | 1              | $\vdash$                                     | 十                  | 7         |
| 38           |  |  | ]                | 88                |  |  |  | -                                       |          | 138        | 77                   | _             | 1            | $\top$         | $\Box$                                       | 十                  | ٦         |
| 39           |  |  |                  | 89                |  |  |  | Γ                                       |          | 139        | $\Box$               |               | 1            | 1              |  |                    | 7         |
| 40           |  |  | ] [              | 90                |  |  |  |   |          | 140        |                      |               |              |                |  | $\neg$             | 7         |
| 41           | $\bot$   |  | l L              | 91                |  |  |  |   |          | 141        | $\Box$               |               | $oxed{oxed}$ |                |  |                    |           |
| 42           | _  |  | J∷L              | 92                |  | $\Box\Box$                                       |  |   |          | 142        | $oldsymbol{\square}$ |               | $\prod$      | Γ              |  |                    | $\Box$    |
| 43           | _ _ _  | <del>                                     </del>   | 4                | 93                | $\bot$   |  | Ш  |   | [        | 143        | $\perp$              | $\bot$        |              | $\Box$         |  | $\perp$            |           |
| 44           |  | <del>           </del>                             |                  | 94                |  |  |  |   | $\Box$   | 144        | $\perp \mathbb{I}$   | $\perp$       |              |                | Ш  | $\Box$             |           |
| 45           |  | +++  | 1:1              | 95                | -  | $\Box$   |  | L                                       |          | 145        |                      |               |              |                | Ш  | $oldsymbol{\perp}$ | ]         |
| 46           | _ _ _  | <del>- - - - </del> -                              | -                | 96                | +++  |  |  |   |          | 146        |                      |               | 1            | L              |  | $\perp$            | 1         |
| 47           | +++  | ╀┼┼┼┼  | - I -            | 97                | +++  | $\sqcup \sqcup \sqcup$                           |  | ::                                      |          | 147        | $\sqcup$             |               | _            | 1              |  |                    | ╛         |
| 48           | +++  | <del>                                     </del>   | ┨╢┝              | 98                | ++-  |  |  | ŀ                                       |          | 148        | -                    | $\bot$        | 1            | <del> </del> _ | <u>                                     </u> | <u> </u>           | 4         |
| 49<br>50     | +++  | <del>                                     </del>   | ∤∷⊩              | 99                | +++  | ++-  |  | Ļ                                       |          | 149        | $\bot$               | $\perp$       | _            | L              | $\sqcup$                                     |                    | _         |
| 1 20         |  |  | J: :::L          | 100               | 111  |  |  |   | - 1      | 150        | 1 1                  | - 1           | 1            |                | l f  |                    | - 1       |